

ABSTRACT

There is disclosed an ink jet printhead which comprises a plurality of nozzles 3 and a bubble forming chamber 7 corresponding to each nozzle respectively. At least one heater
5 element 10 disposed in each bubble forming chamber 7 to heat a bubble forming liquid 11 to a temperature above its boiling point to form a gas bubble 12 therein. The generation of the bubble 12 causes the ejection of a drop 16 of an ejectable liquid (such as ink) through an ejection aperture 5 in each nozzle 3, to effect printing. The heater element is a
suspended elongate strip, the strip having a cross section with a lateral dimension at least
10 triple that of the thickness of the strip. A heater element that is relatively wide and flat can be more accurately fabricated by lithographic deposition and will require less etching. The resulting heater elements have greater consistency, conformity with specification and reliability.